

Converting Colors

HunterLab(58.8166, -16.4139,
9.7007)

Have a look what the booklet for
HunterLab(58.8166, -16.4139,
9.7007) contains.

HunterLab(58.8278, -16.6250, 9.7676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(58.8278,
-16.6250, 9.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	85A78F
RGB	133, 167, 143
RGB Percent	52%, 65%, 56%
CMY	0.4784, 0.3451, 0.4392
CMYK	0.20, 0.00, 0.14, 0.35
HSL	138°, 16%, 59%
HSV	138°, 20%, 65%
XYZ	28.4495, 34.6071, 31.1670
YIQ	154.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

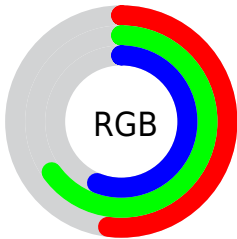
Format	Color
RYB	133, 159, 167
Decimal	8759183
CIELab	65.44, -16.58, 8.61
CIELCh	65, 18.681, 152.557
Yxy	34.6086, 0.3019, 0.3673
Android (android.graphics.Color)	4286949263 (0xFF85A78F)
YUV	154.0980, -5.4713, -18.5029
Hunter-Lab	58.8278, -16.6250, 9.7676

Details

The HunterLab color **58.8278, -16.6250, 9.7676** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52.3695, 12.0079, -3.6351**, and the grayscale version is **56.9117, -3.0367, 3.0921**.

A 20% lighter version of the original color is **81.7549, -19.2903, 11.7309**, and **38.5886, -13.5303, 7.6297** is the 20% darker color. If you saturate the color by 10%, you get **57.4603, -22.3556, 12.7808**, and if you desaturate by 10%, it is **60.3771, -10.3423, 6.6618**.

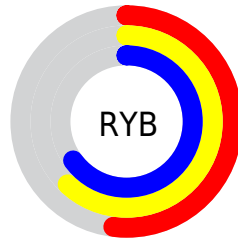
Distribution



Red (52%)

Green (65%)

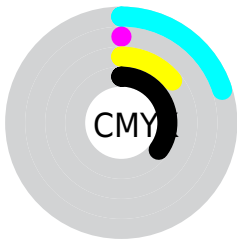
Blue (56%)



Red (52%)

Yellow (62%)

Blue (65%)

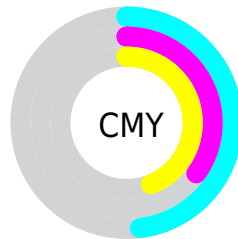


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (35%)



Cyan (48%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8278, -16.6250, 9.7676 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 58.8278, -16.6250, 9.7676 by changing the saturation by 10% instead.

■ 58.8278, -16.6250,
9.7676

■ 58.8278, -16.6250,
9.7676

179.6767,
-29.6573, 19.6234

■ 48.3337, -15.1260,
8.7271

■ 81.7795, -19.5595,
11.8704

■ 38.5495, -13.5890,
7.6862

■ 94.1653, -21.0072,
12.9366

■ 29.5324, -11.9969,
6.6380

■ 107.1200,
-22.4486, 14.0153

■ 21.3543, -10.3209,
5.5692

120.6196,
-23.8871, 15.1074

■ 14.1122, -8.5094,
4.4559

134.6431,
-25.3253, 16.2139

■ 7.7624, -9.7215,
5.0201

149.1715,

0.0000, NaN, NaN

-26.7654, 17.3351

0.0000, NaN, NaN

164.1878,
-28.2090, 18.4715

0.0000, NaN, NaN

■ 58.8278, -16.6250,
9.7676

■ 58.8278, -16.6250,
9.7676

■ 57.4603, -22.3556,
12.7808

■ 60.3771, -10.3423,
6.6618

■ 56.2738, -27.4707,
15.6656

■ 62.0996, -3.5693,
3.4925

■ 55.2704, -31.9209,
18.3883

■ 63.9904, 3.6268,
0.2890

■ 54.4478, -35.6702,
20.9158

■ 66.0420, 11.1820,
-2.9245

■ 53.8007, -38.7019,
23.2178

■ 68.2466, 19.0369,
-6.1276

■ 53.3199, -41.0231,
25.2687

■ 70.5960, 27.1376,
-9.3040

■ 52.9916, -42.6695,
27.0483

■ 73.0819, 35.4369,
-12.4413

■ 52.7839, -43.7558,
28.4808

■ 74.1831, 39.5547,
-17.8224

■ 74.6622, 41.8918,
-24.4949

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.8290, -11.4739, 14.5991



58.8278, -16.6250, 9.7676



58.8290, -18.2294, 2.5219

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.8290, -16.6261, 9.7684



58.8290, -2.4294, -14.0424



58.8290, 10.8996, 10.7893

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.8278, -16.6250, 9.7676



52.3695, 12.0079, -3.6351

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.8290, 13.6377, 3.8746



58.8278, -16.6250, 9.7676



58.8290, 5.6808, -11.0599

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8290, -16.6261, 9.7684



58.8290, -10.3070, -11.9009



58.8290, 11.6776, -4.2205



58.8290, 4.3830, 15.1287

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8278, -16.6250, 9.7676



58.8290, -17.1461, -2.9143



58.8290, 11.6776, -4.2205



58.8290, 12.3083, 8.7252

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.8290, -16.6261, 9.7684



81.7504, -10.0615, 7.1197



60.4463, -11.1955, 15.2845



38.6057, -5.0232, 3.4920



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8290, -16.6261, 9.7684



77.9511, -25.4677, 14.7324



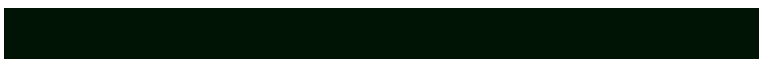
59.2880, -14.0170, 3.1954



29.0563, -4.6259, 3.0352



46.1807, -38.2231, 24.7910



7.2642, -5.5829, 2.9723

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.3695, 12.0079, -3.6351



67.6496, 20.2535, -6.6340



51.8609, 9.3530, 3.5921



27.6196, 1.7294, 0.0522



27.0079, 49.9827, -11.4694



4.3100, 8.1420, -3.1149

Previews

White Background



This preview shows how the HunterLab color 58.8278, -16.6250, 9.7676 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.8278, -16.6250, 9.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

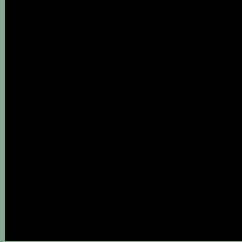
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.8278, -16.6250, 9.7676 Background



This preview shows how black text looks on a background with the HunterLab color 58.8278, -16.6250, 9.7676.



This preview shows how white text looks on a background with the HunterLab color 58.8278,

-16.6250, 9.7676.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.8278, -16.6250, 9.7676

Protanopia

58.6478, -3.5947, 11.7676

Deuteranopia

58.5856, 3.9300, 8.6479



Tritanopia

58.6726, -7.4358, -4.9606

Trichromacy



Original Color

58.8278, -16.6250, 9.7676

Protanomaly

58.5262, -8.4686, 10.7806

Deuteranomaly

58.4632, -3.8814, 8.7899

Tritanomaly

58.7483, -11.0416, 1.0373

Monochromacy



Original Color

58.8278, -16.6250, 9.7676

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.5407, -8.3847, 5.5781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.8278, -16.6250, 9.7676 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 167, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 167, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 167, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 167, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 58.8278, -16.6250, 9.7676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 167, 143) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 167, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 167, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 167, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 167, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 167,  
143) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.8278, -16.6250, 9.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 167, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
167, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor